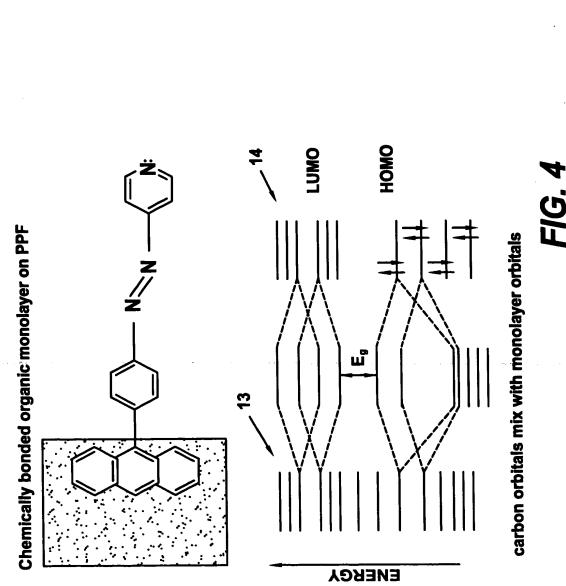
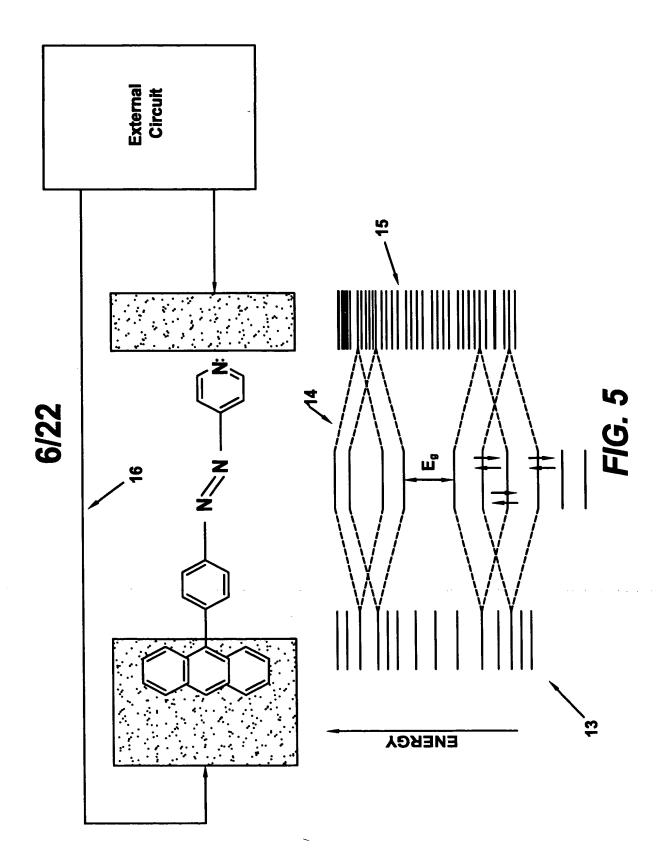


FIG. 2

METAL FILM

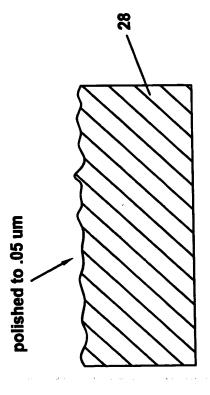


metal orbitals

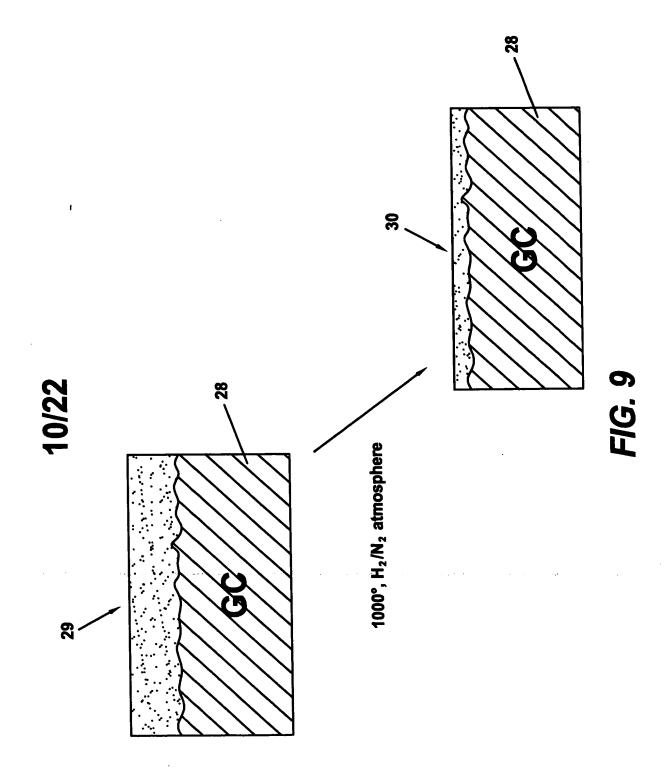


F/G. 6

FIG. 7



F/G. 8



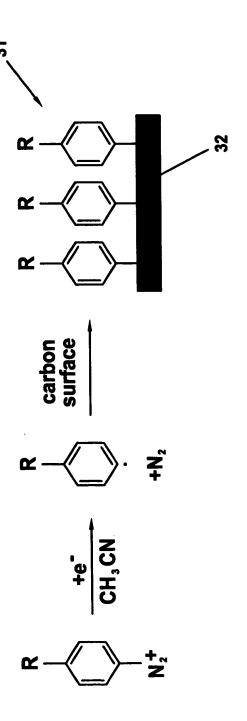
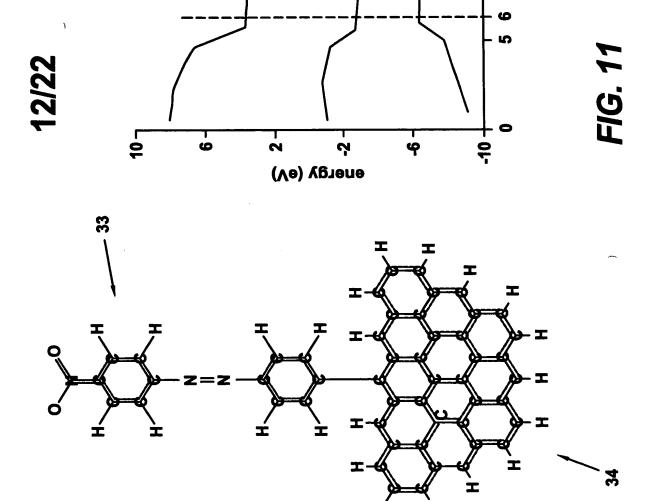


FIG. 10



LUMO

LUMO-HOMO (band gap)

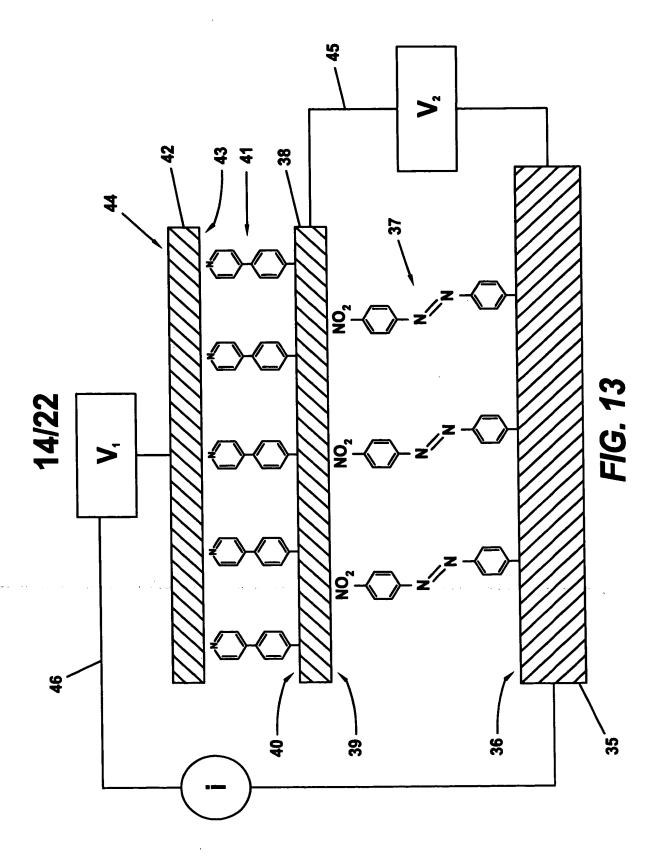
- 20

9

of aromatic rings

HOMO

£_____



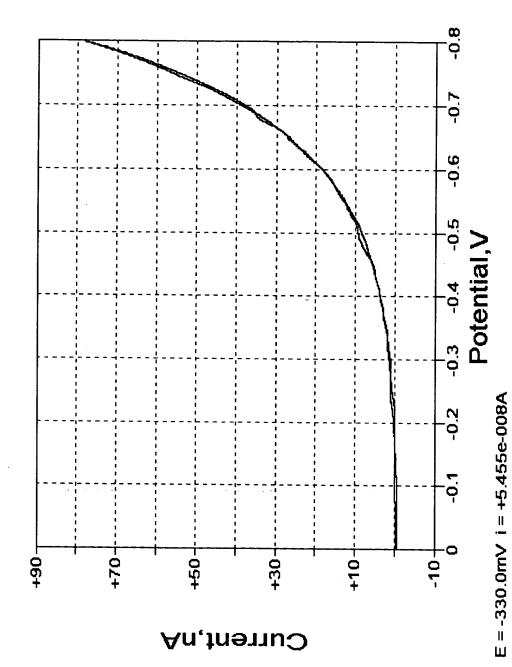


FIG.14

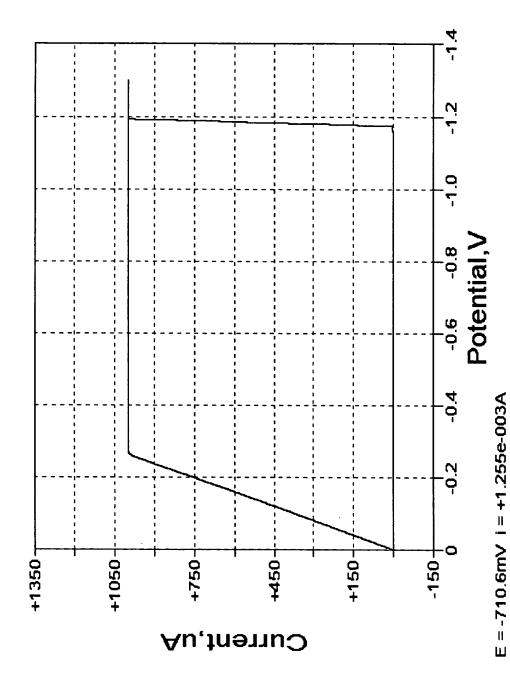


FIG.15

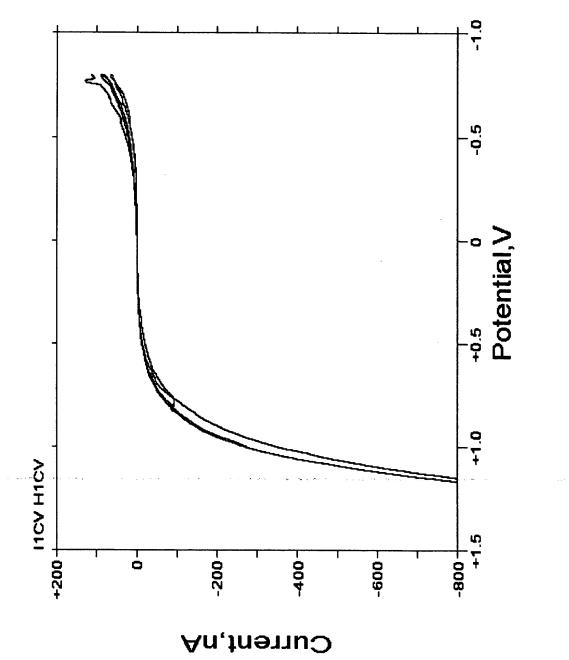


FIG.16

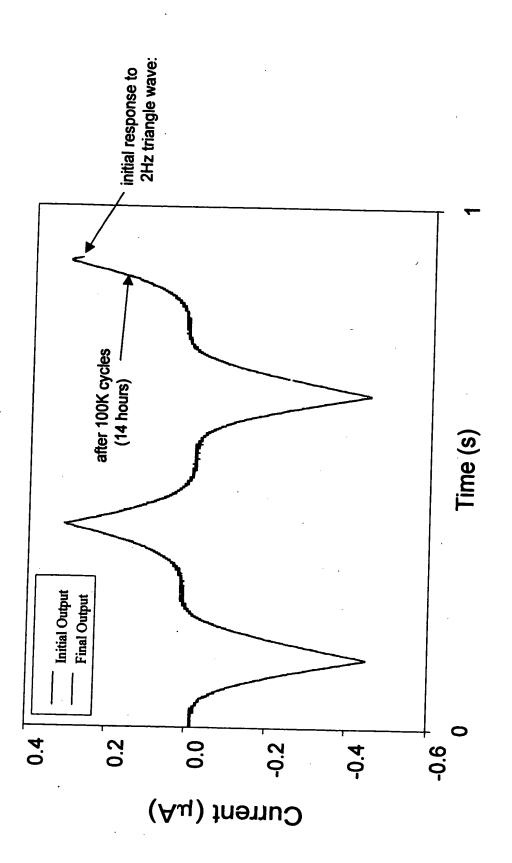


FIG.17

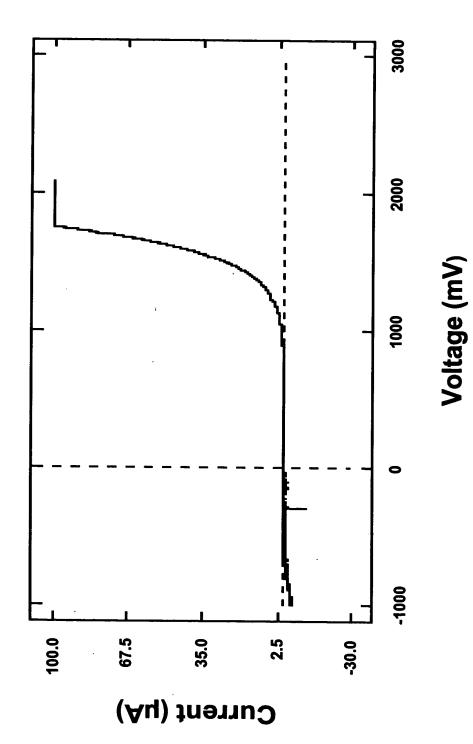
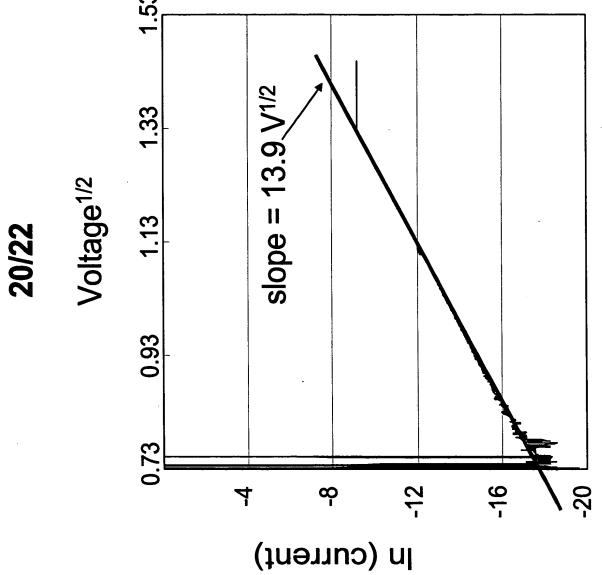


FIG.18





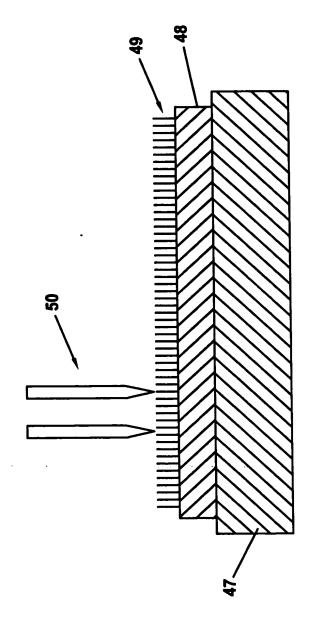


FIG. 20

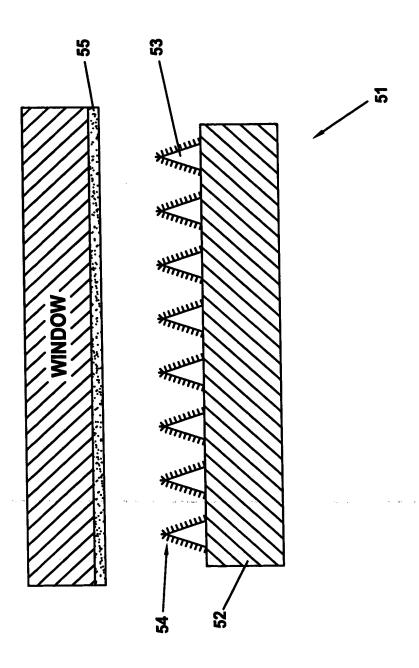


FIG. 21